li	ndex o	f Claims	

Application N	lo.
Application	ω.

76

Applicant(s)

10/629,476 Examiner CARDARELLI, VENANZIO

Art Unit

Tania C. Courson

2859

√	Rejected
II	Allowed

_	(Through numeral) Cancelled
÷	Restricted

N	Non-Elected
_	Interference

Α	Appeal
0	Objected

The color of the																																	
1 1	Cla	aim	Date					Claim Date							1	Cla	aim	Date															
102	Final	Original	4/5/04	9/2/04								Final	Original	5									Final										
3 J 5 103 104 104 104 105 105 105 105 105 105 105 105 105 105 105 105 105 105 106 107 106 107 107 108 109 100	1	1	√	=		П			Π	П			5	ī	\top						$\neg \vdash$	7		101			T				П		
3	2	2	V	=			Г	Г	Г						\neg	1	Т	П				1		102			1	T			T	コ	
3			V	=							\Box					T		П		\neg		1					\top						
4 5 1 5 5 5 5 5 5 5 5	3		V	-											\top			П		一	\top	1					╅	T					\Box
6 √ - √ = 57 √ = 106 107 107 107 107 108 107 107 108 108 108 108 108 108 109 109 109 109 109 110 111 112 13 13 112 13 112 113 113 113 113 113 113 113 114 114 115 115 116 66 1115 115 116 117 117 117 117 117 117 117 118 118 118 118 118 118 118 118 118 118 118 118 118 119 120 121 121 122 123 123 123 123 123<		5		=					T								T	П		\neg		1					\dashv			\Box		ヿ	
5 7				_				Г	\vdash	П	П				\top	\top	\top	\Box		$\neg \uparrow$	\neg	1			П	\top	\dashv	T			寸	ヿ	
6 8 V = 108 109 109 100 100 100 100 110 111 111 112 133 134 133 134	5	_	_			\vdash		\vdash	_		\Box				_	1	\vdash	П	_	$\neg \vdash$	\neg	1			П	\neg	十	\neg				寸	
7 9 = 109 110 10 60 110 111 111 111 111 111 111 111 112 111 112 112 112 112 112 112 112 112 112 112 112 112 113 114 114 114 114 114 114 114 114 115 115 116 66 66 115 116 117 117 117 117 117 117 118 118 118 118 118 118 118 119 120 <t< td=""><td></td><td></td><td></td><td></td><td>\vdash</td><td>\vdash</td><td></td><td>\vdash</td><td>\vdash</td><td></td><td>\neg</td><td></td><td></td><td></td><td>+</td><td>T</td><td>t</td><td>\vdash</td><td>\neg</td><td>十</td><td>\dashv</td><td>1</td><td></td><td></td><td></td><td>\dashv</td><td>十</td><td>ヿ</td><td></td><td></td><td>\dashv</td><td>ヿ</td><td>\neg</td></t<>					\vdash	\vdash		\vdash	\vdash		\neg				+	T	t	\vdash	\neg	十	\dashv	1				\dashv	十	ヿ			\dashv	ヿ	\neg
10	_		<u> </u>		\vdash	\vdash				\vdash	\neg				+	+	†	Н	\dashv	\neg	十	1				\dashv	十	\neg			\dashv	\dashv	_
11 12 61 112 112 112 112 112 112 112 112 112 112 113 114 114 115 16 63 113 114 114 114 115 116 115 115 116 115 116 115 116 117 117 118 118 118 118 118 119 120 1119 120 120 120 120 120 120 121 121 121 121 121 122 22 22 122 22 122 22 22 122 22 23 123 123 123 124 124 124 25 125 75 122 122 22 22 127 127 124 124 25 126 76 126 27 127 127 128 129 30 130 130 131 131 132 132 133 133 133 133 133 133 133 133 133 133 1	<u> </u>		\vdash	\vdash	\vdash	\vdash	\vdash	 	╁┈	Н	\dashv	-			+-	+	+	Н	7	\dashv		1	-			\vdash	\dashv	7	\dashv	\dashv	┪	十	_
12			Н	<u> </u>	_	Η,	_	┢	╁╌		\vdash				- -	╁	+	\vdash	┪	-	+	-			-	-	╅	\dashv		\dashv	ᅱ	7	_
13			\vdash			 	 	Н	\vdash	Н	\dashv				+	+-	\vdash	\vdash	-	\dashv	+	1	\vdash		\vdash	-	十	\dashv		\dashv	\dashv	\dashv	_
14			-	-	\vdash	Η-	\vdash	\vdash	 	\vdash	\dashv				+-	╁	+-	-	-	+	+	1	\vdash		Н	+	+	-			+	\dashv	-
15			\vdash	Н	 	-	 	\vdash	\vdash	\vdash	\dashv	<u> </u>			+	+	\vdash	\vdash	+	\dashv	+	┨	\vdash		\vdash	+	\dashv	\dashv	\dashv	-	ᅱ	\dashv	-
16 17 66 116 117 118 117 118 118 118 118 118 118 118 118 119 119 120 121 122 122 122 122 122 123 123 123 123 123 124 124 124 124 125 125 125 125 125 125 126 127 127 127 127 127 127 128 128 129 129 130 130 130 131 131 131 131 131 131 131 131 131 131 133 133 133 133 133 133 133 133 134 134 135 136 136 136 136 136 137 137 137 138 138 138 139 140 141 141 141 141 141 142 142 143 144 144 144 144 144 144 144 144 144 144 144 144<			\vdash	\vdash			Η-	-	\vdash	-	\dashv	-			+	+-	╁╌	\vdash	+	\dashv	\dashv	-	-		Н		+	\dashv		\dashv	\dashv	\dashv	_
17 18 67 117 118 118 118 118 118 119 119 120 120 120 120 121 121 121 122 122 122 122 122 122 123 123 123 123 124 124 125 126 126 126 126 127 127 126 127 127 128 128 129 130 130 131 130 131 131 131 131 131 131 133<			\vdash	\vdash		\vdash	Н	Ι-	+-	Н	\dashv				┰	+	+-		-+	-+	+	1			\vdash		\dashv	\dashv	_	-	\dashv	\dashv	-
18 19 68 118 119 120 120 120 120 120 120 121 121 121 121 121 122 122 123 123 124 124 124 124 124 124 125 125 125 126 127 128 128 127 128 129 129 130 131 131 131 131 131 131 131 132 133 133 133 133 133 133 134 134 134 134 134 134 134 134 134 135 136 137 136 137 137 138 138 139 140 141 141 141 142 142 142 142 142 142 143 144 144 144 144 144 144 144 144 144 144 144 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145<	-		\vdash	H	\vdash	\vdash	\vdash	\vdash	├	Н	\dashv	-			+	+-	\vdash	\vdash	\dashv	\dashv	+	-	-		\vdash	+	+	\dashv			\dashv	\dashv	
19 69 119 20 70 120 21 71 121 22 122 122 23 73 123 24 74 124 25 75 125 26 76 127 28 77 127 28 79 129 30 80 130 31 81 131 32 82 132 33 83 133 34 84 133 35 85 135 36 86 135 37 87 137 38 88 139 40 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 95 145			-	-	-	\vdash	\vdash	┢			-	-			+	+	+	\vdash	\dashv	\dashv	+	-	-		\vdash	-	+	\dashv	\dashv	\dashv	\dashv	\dashv	-
To To To To To To To To	—		-			-	Η-	⊢	Н	Н	\dashv				╁	+	╁	\vdash	\dashv	+	+	1	\vdash		\vdash	+	+	\dashv	\dashv	\dashv	\dashv	\dashv	-
21 22 121 122 122 122 123 123 124 124 124 124 124 124 125 125 126 126 126 126 126 127 127 128 128 129 129 129 129 129 129 130 130 130 131 131 131 131 131 131 131 132 133 133 133 133 133 133 133 134 134 134 134 134 134 134 135 136 136 137 138 138 138 138 138 138 139 140 141 141 141 141 142 142 142 144 144 144 144 144 144 144 144 144 144 144 144 145	—		\vdash			-	-	\vdash		Н	\vdash				┿	+-	┼	\vdash	\dashv	+		-	\vdash		-	+	+	-	\dashv	\dashv	\dashv	\dashv	_
22 33 122 123 24 74 124 124 25 75 125 125 26 76 126 127 28 77 127 127 28 78 128 129 30 80 130 130 31 81 131 131 32 82 132 132 33 83 133 133 34 84 134 134 35 86 135 136 37 87 137 137 38 88 138 138 39 90 140 141 41 92 142 142 43 94 144 144 45 95 145	 		-	_	_		\vdash	\vdash	⊢	Н	\dashv				+-	┿	╁	┥			+	4	-	120	-	+	+	-	-	\dashv	\dashv	\dashv	\dashv
23 73 123 124 24 74 124 124 25 75 125 126 26 77 127 126 27 77 127 128 29 79 129 129 30 80 130 131 31 81 131 131 32 82 132 132 33 83 133 133 34 84 134 134 35 85 135 136 37 87 137 138 38 88 137 137 38 88 139 140 41 91 141 141 42 92 142 143 44 94 144 144 44 94 144 144 45 95 145 145					-	_		H	-	Н	-				+-	╀	┾	\vdash	-	-	+	┨	\vdash		-	\dashv	\dashv	-	\dashv	\dashv		\dashv	
24 124 124 25 125 125 26 76 126 27 77 127 28 78 128 29 79 129 30 80 130 31 81 131 32 82 132 33 83 133 34 84 134 35 85 135 36 86 136 37 87 137 38 88 138 39 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 95 145			\vdash	\vdash	-		-	_	⊢	Н	-	-			╫	╀	╀		\dashv	\dashv		4	-		_		+	-	-	-	-	-	-
25 75 125 26 76 126 27 77 127 28 78 128 29 79 129 30 80 130 31 81 131 32 82 132 33 83 133 34 84 134 35 85 135 36 86 136 37 87 137 38 88 138 39 90 140 41 91 141 42 92 142 43 94 144 44 94 144 45 95 145	<u> </u>					_		\vdash	\vdash	H	-	-			╀	+-	┼	\vdash	\dashv	+	-	-	\vdash	123	-	\dashv	\dashv	\dashv	\dashv	\dashv	\dashv	\dashv	\dashv
26 76 126 27 127 127 28 78 128 29 129 129 30 80 130 31 81 131 32 82 132 33 83 133 34 84 134 35 85 135 36 86 136 37 87 137 38 88 138 39 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 95 145			_	_	_	_		<u> </u>	┢	\vdash	-				+	+	₩	\vdash	\dashv	\dashv		4					-				-	-+	_
27 77 127 28 78 128 29 79 129 30 80 130 31 81 131 32 82 132 33 83 133 34 84 134 35 85 135 36 86 136 37 87 137 38 88 138 39 90 140 41 91 141 42 92 140 43 93 143 44 94 144 45 95 145			_	_	<u> </u>		-	<u> </u>	<u> </u>	Н		-			+	+	╀	\vdash	\dashv	+		-			_	-	\dashv						-
28 78 29 128 30 80 31 81 32 82 33 131 34 84 35 85 36 86 37 87 38 88 39 88 40 90 41 91 42 92 43 94 44 94 44 94 145	<u> </u>		_	_	_	_	-	<u> </u>	<u> </u>	\vdash	\perp	-			4	╄-	╄	\vdash				4				\perp	4	_	_	_	4	4	
29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 95			_					_	.	Н		<u> </u>			4	┼	╙	\vdash	-			4	\vdash			\perp	4	_	_	_	4	\dashv	_
30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 136 39 88 40 90 41 91 42 92 43 94 44 94 44 94 45 95	<u> </u>			_	_	_	_		<u> </u>		_	-			+	╄	╄	Н	\dashv	\dashv		4	<u> </u>		-	\perp	4	4		_	-	4	_
31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95			_			_	_	_	<u> </u>		_	-				\bot	┞	\sqcup	\dashv	_		4	<u></u>		Щ	\perp	4	_	_	_	4	_	_
32 82 33 133 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95			_	_		_	_	L	L	Ш					_		_		_	_		4					4	_	_	_	_	_	
33 83 133 34 84 134 35 85 135 36 86 136 37 87 137 38 88 138 39 89 139 40 90 140 41 91 141 42 92 142 43 93 143 44 94 144 45 95 145									┕	Ш	_	<u> </u>				╀	╙	Ш	_	_		4	\vdash	131		\perp	4	_	_	_	_	_	
34 84 134 135 35 85 135 136 36 86 136 137 37 87 137 137 38 88 138 138 39 89 139 139 40 90 140 141 41 91 141 141 42 92 142 142 43 93 143 144 44 94 144 144 45 95 145 145										Щ	_	-			_	丄	₩		_	_		4				_	4	_	_	_	_	_	
35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95			<u> </u>	$oxed{oxed}$	Ш	<u> </u>	Щ	<u> </u>	\vdash	\sqcup	Ц				4	\bot	↓_	\sqcup		\perp		4	L		Ш	$\perp \perp$	4	_		_	_	_	_
36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95	<u> </u>			 	Ш	<u> </u>		<u> </u>	\vdash	\sqcup	_				+	+	\vdash	\sqcup		\perp	_	4	\square		Ш	\perp	4	_	_	_	_		_
37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95	<u> </u>		_		$oxed{oxed}$			<u> </u>	<u> </u>	\sqcup	Ш	_			\bot	\perp	\perp	\sqcup	_	\perp		4	\vdash		Щ	\sqcup	4	_	_	_	_	_	_
38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95			\vdash	\vdash		_		<u> </u>	\vdash	Ш	Ц	<u> </u>			\bot	4	↓_	Ш	_	_		4			Ш	\perp	4		_		_		
39 89 40 90 41 91 42 92 43 93 44 94 45 95			_		_	Щ		_	L		Ш	L			\perp	\perp	\perp	Ш	_	\perp	_ _	4				$\perp \!\!\! \perp$	4					_	
40 90 41 91 42 92 43 93 44 94 45 95	<u> </u>		L	<u> </u>			_		Ш	Ш	Ш	L			4_	_	 	Ш	_	\dashv		1			Ш	\perp	_			\Box		_	
41 91 42 92 43 93 44 94 45 95		39	<u> </u>	_				<u> </u>	Ш	Ш	\Box					1	1_						L		Ш	ot	\perp				_		
42 92 43 93 44 94 45 95		40	$oxed{oxed}$			Ш	\sqcup	<u> </u>	<u> </u>	Ш	\Box	L	9	1	\perp	1	L		[\perp		1		140	Ш		\perp	[_[$oldsymbol{\bot}$	
43 93 44 94 45 95	L		<u> </u>						Ш	Ш	\Box					上	\perp					1											
44 94 45 95				لــــا			$ldsymbol{ld}}}}}}}}}$		L	Ш					\perp	\perp		Ш]						_]					
45 95 145	L		<u> </u>						Ш	Ш	Ш						$oxed{oxed}$	Ш				1			Ш								
	L		L!	L			$oxed{oxed}$	$oxed{oxed}$		Ш						丄		\sqcup				1							l				
							_			Ш										\perp		1]	[[
		46	\perp	\Box						Ш						Ц.				\perp]		146	\Box		\perp	[\Box			$oldsymbol{ol}}}}}}}}}}}}}}}}}}}}$	
47 97 147 147	<u></u>		\Box							Ш	\Box							LI		ot]											
48 98 148 148																L		\square		$oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$]		148									
49 99 149 149			\Box										99) [L				$oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$				149			$oxed{\int}$						
50 100 150		50											10	0		1		ΙĪ	T	Т				150		1	T	T		Ī	T		